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Skills and Interests

- **Programming Languages:** Python, HTML, CSS
 - **Libraries & Frameworks:** Django, Tailwind CSS, Bootstrap, Material UI
 - **Databases:** PostgreSQL, SQLite
 - **Soft Skills:** Teamwork, Communication, Adaptability
 - **Interest:** Software Development, Web Development, Database Management
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Projects

Task Tracking System | [Code](#)

- Secured user authentication and authorization, ensuring that only authorized users can access and modify task data for enhanced security.
- Developed a comprehensive Task Tracking System that simplifies the assignment, updating and management of tasks improving team efficiency and collaboration.
- Implemented role-based task management, granting admins exclusive access to assign and update tasks, set priorities and define deadlines while providing team members with necessary task details.
- Integrated real-time email notifications, ensuring users receive timely alerts for task assignments, status changes and updates facilitating better communication.
- Enabled task progress tracking with real-time status updates (Pending, In Progress, Done) allowing users to monitor the progress and identify bottlenecks.

Technologies: Django, Python, PostgreSQL, HTML, CSS (Tailwind, Bootstrap), Django ORM, Email Integration

University Bus Tracking System | [Code](#)

- Developed a real-time bus tracking system for university students to track buses and view estimated arrival times.
- Implemented dynamic route visualization using Leaflet.js with polyline-based path representation.
- Designed a search functionality for students to find buses based on routes or bus numbers.
- Integrated real-time location tracking and estimated travel time calculations using starting and ending coordinate.
- Ensured a user-friendly experience with a responsive interface using Bootstrap and Tailwind CSS.
- Utilized Django ORM to manage bus location data and optimize queries for faster retrieval.

Technologies: Django, Python, SQLite, JavaScript (Leaflet.js), HTML, CSS (Tailwind, Bootstrap)

Education

Gopalganj Science and Technology University
Bachelor of Science in Computer Science and Engineering
